Section-A

Multiple Choice Questions (MCQ's)

Q.1 Choose the correct answer for each from the given option:

(i) All the physical equipment of computer system are termed as ______.
(a) Software (b) Hardware (c) Firmware (d) Liveware

(ii) ________ is known as the father of computing.
(a) William Oughtred (b) Blaise pascal
(c) Charles Babbage (d) John Napier

(iii) There are basically __________ registers.
(a) Eight (b) Ten (c) Fourteen (d) Sixteen

(iv) Desktop, Laptop and Hand-held computers are exmaple _____ of computers.
(a) Microcomputer (b) Minicomputer
(c) Mainframe computer (d) Supercomputer

(v) The device that enables the computer to make dialup networking is _______.
(a) Mouse (b) Monitor (c) Modem (d) Keyboard

(vi) Printer resolution is usually measured in ________.
(a) Data per inch (b) Character per inch
(c) String per inch (d) Dots per inch

(vii) RAM is ________ memory.
(a) Volatile (b) None-Volatile (c) Permanent (d) Secondary

(viii) CPU stands for ____________.
(a) Controlling power unit (b) Central Processing Unit
(c) Central Processor unit (d) Controlling Processing Unit.

(ix) The Command that clears the screen is:
(a) CLEAR (b) CLS (c) CLR (d) CLEAN

(x) The base of Hexadecimal number system is ________.
(a) 2 (b) 8 (c) 10 (d) 16

(xi) 1 Kilobyte = __________ Bytes.
(a) 1000 (b) 1012 (c) 1024 (d) 1028

(xii) A Serial port has ____________ pins.
(a) 9 or 25 (b) 9 or 30 (c) 9 or 35 (d) 9 or 40

(xiii) Dot matrix and Daisy wheel printers are examples of __________.
(a) impact printer (b) Non- Impact printer
(c) Laser printer (d) Ink-jet Printer

(xiv) The 1's complement of 1011 binary number is __________.
(a) 0100 (b) 0011 (c) 0111 (d) 0101

(xv) ________ is a storage device that stores data serially.
(a) Floppy Disk (b) Magnetic Tape (c) Compact Disk (d) Hard Disk

Section-B (Short Answers)

Note: Answer any NINE of the following questions.Each question carries 4 marks.

Q.2 Define arithmetic & Logic unit and Control unit.
Q.3 What is the difference between Hardcopy and Softcopy.
Q.4 Define ROM and its types.
Q.5 Discuss 5th generation of computer
Q.6 Differentiate between high level language and low level language.
Q.7 What is an operating system.
Q.8 Deifferentiate between Data and Information.
Q.9 Convert the following into required base.
(i) $(1232)_8 = (?)_{10}$ (ii) $(ACI)_{16} = (?)_{10}$ (iii) $(1001111)_2 = (?)_{10}$
Q.10 What are laws of Boolean Algebra.
Q.11 Differentiate between Analog computer and Digital computer.
Q.12 Define Mouse and Joystick.
Q.13 Define any TWO of the following DOS commands.
(i) Prompt (ii) MD (c) CLS

Section-C (Descriptive)

Note: Answer any THREE of the following questions in detail.

Q.14 Define Scanner and its type.
Q.15 Define port. Compare and contrast serial port and parallel port.
Q.16 Define Various type of Data.
Q.17 Define the term Bus. What is the purpose of Control Bus.
Q.18 Explain any TWO of the following:
(i) Icon (ii) My Documents (iii) My Computer